

Project Title	Funding	Strategic Plan Objective	Institution
Family studies of sensorimotor and neurocognitive heterogeneity in autism spectrum disorders (ASD)	\$588,544	Q1.L.B	University of Texas Southwestern Medical Center at Dallas
Neural economics of biological substrates of valuation	\$383,750	Q1.L.C	Baylor College of Medicine
Neurological diseases due to inborn errors of metabolism	\$10,458	Q2.S.A	University of Texas Southwestern Medical Center
Cortical circuit changes and mechanisms in a mouse model of fragile X syndrome	\$290,266	Q2.S.D	University of Texas Southwestern Medical Center
Developmental versus acute mechanisms mediating altered excitatory synaptic function in the fragile X syndrome mouse model	\$127,500	Q2.S.D	University of Texas Southwestern Medical Center
In-vivo imaging of neuronal structure and function in a reversible mouse model for autism.	\$28,000	Q2.S.D	Baylor College of Medicine
Coordinated control of synapse development by autism-linked genes	\$150,000	Q2.S.D	University of Texas Southwestern Medical Center
Elucidating the roles of SHANK3 and FXR in the autism interactome	\$396,509	Q2.S.D	Baylor College of Medicine
Regulation of synapse elimination by FMRP	\$52,154	Q2.S.D	University of Texas Southwestern Medical Center
Study of fragile X mental retardation protein in synaptic function and plasticity	\$392,087	Q2.S.D	University of Texas Southwestern Medical Center
Mouse models of human autism spectrum disorders: Gene targeting in specific brain regions	\$400,000	Q2.S.D	University of Texas Southwestern Medical Center
Cerebellar anatomic and functional connectivity in autism spectrum disorders	\$246,178	Q2.Other	University of Texas at Austin
Visual perspective-taking and the acquisition of American Sign Language by deaf children with autism	\$0	Q2.Other	University of Texas at Austin
Neural correlates of social exchange and valuation in autism	\$127,487	Q2.Other	Baylor College of Medicine
Doctoral dissertation research: Sign language in deaf and hearing autistic children	\$5,930	Q2.Other	University of Texas at Austin
1/5-Elucidating the genetic architecture of autism by deep genomic sequencing	\$998,515	Q3.S.A	Baylor College of Medicine
Epidemiological research on autism in Jamaica	\$131,010	Q3.S.H	University of Texas Health Science Center at Houston
DNA methylation and other epigenetic studies of autism brain	\$43,986	Q3.S.J	Baylor College of Medicine
Studies of postmortem brain searching for epigenetic defects causing autism	\$400,000	Q3.S.J	Baylor College of Medicine
Maternal supplementation of folic acid and function of autism gene synaptic protein Shank3 in animal model	\$90,415	Q3.S.J	Baylor College of Medicine
The role of the Rett gene, chromosome 15q11-q13, other genes, and epigenetics	\$13,734	Q3.S.J	Baylor College of Medicine
Toxicant-induced autism and mitochondrial modulation of nuclear gene expression	\$0	Q3.S.J	Texas A&M University
Human neurobehavioral phenotypes associates with the extended PWS/AS domain	\$634,739	Q3.S.J	Baylor College of Medicine

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Simons Simplex Collection	\$130,856	Q3.L.B	Baylor College of Medicine
Relevance of NPAS1/3 balance to autism and schizophrenia	\$356,840	Q3.L.B	University of Texas Southwestern Medical Center
Analysis of candidate genes derived from a protein interaction network in SSC samples	\$0	Q3.L.B	Baylor College of Medicine
Simons Simplex Collection Site	\$457,644	Q3.L.B	Baylor College of Medicine
Treatment of sleep problems in children with autism spectrum disorder with melatonin: A double-blind, placebo-controlled study	\$8,775	Q4.S.A	Baylor College of Medicine
Treatment of sleep problems in children with autism spectrum disorder with melatonin: A double-blind, placebo-controlled study	\$127,500	Q4.S.A	Baylor College of Medicine
Neurexin function in vivo: Implications for autism and mental retardation	\$392,500	Q4.S.B	University of Texas Southwestern Medical Center
Novel genetic animal models of autism	\$274,750	Q4.S.B	University of Texas Southwestern Medical Center
Optimization of methods for production of both ICSI- and SCNT derived baboon embryonic stem cells	\$260,102	Q4.S.B	Southwest Foundation For Biomedical Research
Methods for production of ICSI and SCNT derived macaque stem cells	\$19,188	Q4.S.B	Southwest Foundation For Biomedical Research
Animal models of autism: Pathogenesis and treatment	\$84,999	Q4.S.B	University of Texas Southwestern Medical Center
Identifying impairments in synaptic connectivity in mouse models of ASD	\$40,000	Q4.S.B	University of Texas Southwestern Medical Center
Animal model of speech sound processing in autism	\$325,125	Q4.S.B	University of Texas at Dallas
Micro-RNA regulation in pluripotent stem cells	\$19,189	Q4.S.B	Southwest Foundation For Biomedical Research
Identifying genetic modifiers of rett syndrome in the mouse	\$30,000	Q4.S.B	Baylor College of Medicine
Shank3 mutant characterization in vivo	\$28,000	Q4.S.B	University of Texas Southwestern Medical Center
Folate rechallenge: A pilot study	\$4,578	Q4.S.C	Baylor College of Medicine
SBIR Phase I: Electronic reading tool: Story interactive media player	\$150,000	Q4.Other	Echelon Group, Inc.
Survey on treatment for children with autism with and without seizures	\$7,500	Q4.Other	Children's Learning Institute
Project DART: Distance Education for Autism Personnel in Rural Texas	\$199,806	Q5.L.A	University of North Texas
Autism interventions and innovative evaluation of teacher quality	\$57,462	Q5.L.C	Texas A & M International University
Autism training and education	\$0	Q5.L.C	Autism Service Center of San Antonio
Texas Educators for Students with Autism (TESA)	\$153,451	Q5.Other	Texas State University-San Marcos
Project CHANGE (Children with Autism Need a Great Education)	\$191,386	Q5.Other	University of Texas at El Paso

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Graduate preparation for transition and instructional leadership for services to students with low incidence disabilities: Emphasis on academic and social success in LRE through implementation of evidence-based practices and instructional programming	\$199,996	Q5.Other	University of North Texas
Reach to Teach: Serving infants, toddlers, and young children with autism spectrum disorders and developmental disabilities	\$234,849	Q5.Other	University of Texas of the Permian Basin
SEDL's vocational rehabilitation service models for individuals with autism spectrum disorders	\$350,000	Q6.S.B	Southwest Educational Development Corporation
Project STARS: Systematic Training for Autism Researchers and School Personnel	\$199,962	Q7.K	University of North Texas

